

IN THE CLAIMS

Please substitute claims 1-6 with the following:

1. (Currently Amended) A wireless communication antenna including:

~~plural~~ a plurality of antenna element patterns connected through a switch or switches at least one Micro-Electromechanical Switch (MEMS) formed on a base substrate, an antenna board, and

wherein,

each MEMS sealed in nitrogen in an accommodating space created by the base substrate and a cap substrate, and

~~having plural~~ each MEMS is effective to modify the wireless communication antenna resonance frequencies frequency selected by switching the connecting state of the antenna element patterns by the switch or switches MEMS.

2. (Cancelled)

3. (Currently Amended) A wireless communication apparatus comprising:

a wireless communication antenna divided into a plurality of antenna element patterns on an antenna board;

a plurality of switches formed on an the antenna board; and having

plural resonance frequencies selected by switching connecting state of the antenna element patterns by the switch or switches;

plural a plurality of communication units circuits having communication bands different from each other, which are connected to the wireless communication each configured to control one of the plurality of switches; and

~~a system control unit for performing, in accordance with a communication band used, a control effective to select the one of the communication units circuit[[,]] and to select which is configured to control the wireless communication antenna resonance frequency of the wireless communication antenna [[.]],~~

wherein,

the communication units are effective to continuously monitor an intensity signal of a unique communication band and to deliver the intensity signal to the system control unit,

the switches are configured to change the resonance frequency of the antenna element, and

the system control unit selects the communication unit which will configure the wireless communication antenna to operate at the desired resonance frequency based on the intensity signal received from the communication unit and a desired operational mode.

4. (Currently Amended) The wireless communication apparatus as set forth in claim 3,
wherein

the system control unit selects the communication unit which will configure the wireless communication antenna to the desired resonance frequency based on the ~~performs a control to automatically determine the communication band used in accordance with~~ associated with the selected ~~operation mode which can be set in advance to select the communication circuit, and to select the resonance frequency of the wireless communication antenna.~~

5. (Cancelled)

6. (Original) The wireless communication apparatus as set forth in claim 3,
wherein the switch of the wireless communication antenna is comprised of MEMS switch
element, and is buried in the antenna board comprised of multi-layer substrate.